

CERAMIC CARRIER AND CERAMIC CATALYST BODY

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ABSTRACT OF THE DISCLOSURE

It is an object of the present invention to provide
a ceramic catalyst body with a better catalyst
10 performance by using a ceramic carrier capable of
directly supporting a catalyst component.

The ceramic carrier of the present invention has a
multitude of pores or element capable of directly
supporting the catalyst on the surface of the substrate
15 ceramic and a multitude of cells disposed substantially
parallel to each other with the inside thereof serving as
gas flow passage, and the cell wall has an irregular
surface. Since the irregular surface of the cell wall
results in larger surface area, an improvement in the
20 conversion performance due to increased quantity of
catalyst supported can be achieved or the distance
between the catalyst particles can be made larger to
thereby prevent deterioration. The irregular surface
also disturbs the gas flow near the catalyst so that the
25 probability of making contact with the catalyst increases
thus resulting in improved conversion performance.